



UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 00-473)

0420
PATENT
RECEIVED

FEB 07 2001

Technology Center 2600

APPLICATION OF:

Del Sol et al.

Serial No. 09/726,818

Filed: November 30, 2000

Title System And Method For Calibrating
Power Level During Initial Ranging
Of A Network Client Device

Examiner:

Unknown

Group Art Unit:

Unknown

BOX DD

Asst. Commissioner for Patents
Washington, D.C. 20231

Sir:

TRANSMITTAL LETTER

In regard to the above identified application:

1. We are transmitting herewith the attached:

- a. Information Disclosure Statement;
- b. Form PTO-1449;
- c. Copy of IDS Citations 09/726,818 (90 references);
- d. Return Receipt Postcard.

2. With respect to additional fees:

☒ No additional fee is required.

3. Please charge any additional fees or credit overpayment to Deposit Account No.13-2490.
A duplicate copy of this sheet is enclosed.

4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Asst. Commissioner for Patents, Box DD, Washington, D.C. 20231 on this 17th day of January, 2001.

By: Monica Grewal
Monica Grewal
Reg. No. 40,056

MCDONNELL BOEHNEN,
HULBERT & BERGHOFF
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001



#5 S.W.H. 11/12/02

UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 00-473)

PATENT
RECEIVED

FEB 07 2001

IN THE APPLICATION OF:

Del Sol et al.

Serial No. 09/726,818

Filed: November 30, 2000

Title System And Method For Calibrating
Power Level During Initial Ranging
Of A Network Client Device

Technology Center 2600

Examiner: Unknown

Group Art Unit: Unknown

INFORMATION DISCLOSURE STATEMENT

Box DD
Asst. Commissioner for Patents
Washington, D.C. 20231-9999

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application.

Portions of the references may be material to the examination of the pending claims, however no such admission is intended. 37 C.F.R. 1.97 (h). The references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the

references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. sections 102 or 103, nor is this submission to be construed as a representation that a search has been made.

CITED REFERENCES

U.S. Patent Documents

<u>Document Number</u>	<u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Filing Date If appropriate</u>
5,710,885	January 20, 1998	Bondi	395/200	November 28, 1995
5,608,446	March 04, 1997	Carr et al.	348/6	May 09, 1995
5,854,901	December 29, 1998	Cole et al.	709/245	July 23, 1996
5,923,659	July 13, 1999	Curry et al.	370/401	September 20, 1996
5,872,523	February 16, 1999	Dellaverson, et al.	340/825	March 12, 1996
5,790,677	August 04, 1998	Fox, et al.	380/24	June 29, 1995
5,819,042	October 06, 1998	Hansen	395/200	February 20, 1996
5,489,897	February 06, 1996	Inoue	340/870	April 13, 1993
5,864,679	January 26, 1999	Kanai, et al.	709/238	May 21, 1997
5,870,134	February 09, 1999	Laubach et al.	348/12	March 04, 1997
5,805,804	September 08, 1998	Laursen et al.	395/200	March 12, 1997
5,488,412	January 30, 1996	Majeti et al.	348/10	March 31, 1994
5,675,732	October 07, 1997	Majeti et al.	395/200	May 08, 1995
5,818,845	October 06, 1998	Moura, et al.	370/449	January 18, 1996
5,828,655	October 27, 1998	Moura et al.	370/236	August 21, 1996
5,859,852	January 12, 1999	Moura et al.	370/449	August 27, 1996
5,347,304	September 13, 1994	Moura et al.	348/12	July 28, 1993
5,586,121	December 17, 1996	Moura et al.	370/404	April 21, 1995
5,636,211	June 03, 1997	Newlin	370/465	August 15, 1995
5,922,049	July 13, 1999	Radia, et al.	709/220	December 09, 1996
5,790,198	August 04, 1998	Roop, et al.	348/460	May 04, 1994
5,583,931	December 10, 1996	Schneider et al.	379/399	July 14, 1995
5,600,717	February 04, 1997	Schneider et al.	379/399	June 14, 1996
5,606,606	February 25, 1997	Schneider et al.	379/399	June 14, 1996
5,623,542	April 22, 1997	Schneider et al.	379/399	June 14, 1996
5,790,548	August 04, 1998	Sistanizadeh et al.	370/401	April 18, 1996
5,778,181	July 07, 1998	Hidary et al.	395/200	March 14, 1996

<u>Document Number</u>	<u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Filing Date If appropriate</u>
5,761,602	June 02, 1998	Wagner et al.	455/3.1	September 13, 1995
5,442,749	August 15, 1995	Northcutt et al.	395/200	July 09, 1993
5,958,007	Sept 28, 1999	Lee et al.	709/219	May 13, 1997
5,799,086	August 25, 1998	Sudia	380/23	February 19, 1997
5,623,601	April 22, 1997	Vu	395/187	November 21, 1994
5,014,234	May 07, 1991	Edwards, Jr.	364/900	August 25, 1996
4,138,712	August 11, 1992	Corbin	395/700	October 02, 1989
6,018,767	January 25, 2000	Fijolek et al.	709/218	February 24, 1998
5,996,076	November 30, 1999	Rowney et al.	713/201	February 19, 1997
5,884,024	March 16, 1999	Lim et al.	395/187	December 09, 1996
5,835,727	November 10, 1998	Wong et al.	395/200	December 09, 1996
6,012,088	January 04, 2000	Li et al.	709/219	December 10, 1996
6,013,107	January 11, 2000	Blackshear et al.	703/229	October 06, 1997
6,009,103	December 28, 1999	Woundy	370/401	December 23, 1997
5,974,453	October 26, 1999	Anderson et al.	709/220	October 08, 1997
5,812,819	September 22, 1998	Rodwin et al.	395/500	June 05, 1995
6,049,826	April 11, 2000	Beser	709/222	February 04, 1998
6,058,421	May 02, 2000	Fijolek et al.	709/225	February 04, 1998
6,070,246	May 30, 2000	Beser	713/201	February 04, 1998
4,881,263	Nov 14, 1989	Herbison et al.	380/21	September 25, 1987
5,852,721	Dec 22, 1998	Dillon et al.	395/200	February 07, 1997
5,790,806	Aug 04, 1998	Koperda	395/200	April 03, 1996
6,075,787	Jun 13, 2000	Boback et al.	370/395	May 08, 1997
6,049,546	Apr 11, 2000	Ramakrishnan	370/412	October 15, 1996
6,006,264	Dec 21, 1999	Colby et al.	709/226	March 30, 1998
5,903,558	May 11, 1999	Jones et al.	370/351	June 28, 1996
5,841,777	Nov 24, 1998	Cohen	370/443	August 30, 1996
5,598,410	Jan 28, 1997	Stone	370/469	December 29, 1994
6,091,709	Jul 18, 2000	Harrison et al.	370/235	November 25, 1997
4,644,533	Feb 17, 1987	Braff et al.	370/94	May 06, 1985
6,052,724	Apr 18, 2000	Willie et al.	709/223	September 02, 1997
5,819,028	Oct 06, 1998	Manghirmalani et al.	395/185	April 16, 1997
5,835,720	Nov 10, 1998	Nelson et al.	395/200	May 17, 1996
6,003,077	Dec 14, 1999	Bawden et al.	709/223	September 15, 1997
5,954,797	Sept 21, 1999	Sidey	709/223	May 14, 1997
5,913,037	June 15, 1999	Spofford et al.	395/200	July 03, 1996
5,922,051	Jul 13, 1999	Sidey	709/223	May 14, 1997
6,014,545	Jan 11, 2000	Wu et al.	455/3.1	March 27, 1997
6,157,965	Dec 05, 2000	Mohammed et al.	710/8	February 27, 1998

5,809,252	Sept 15, 1998	Beighe et al.	395/200	December 13, 1996
6,005,851	Dec 21, 1999	Craddock et al.	370/329	October 10, 1997
6,041,041	Mar 21, 2000	Ramanathan et al.	370/241	April 15, 1997
5,943,604	Aug 24, 1999	Chen et al.	455/5.1	October 31, 1997
6,130,880	Oct 10, 2000	Naudus et al.	370/235	March 20, 1998
6,094,431	Jul 25, 2000	Yamato et al.	370/395	November 29, 1996
6,170,061B1	Jan 02, 2001	Beser	713/201	February 04, 1998
6,065,049	May 16, 2000	Beser	709/218	February 04, 1998

Other Documents

1. "Cable Modem to Customer Premise Equipment Interface Specification (Interim) SP-CMCI-I02-980317", Multimedia Cable Network Systems (MCNS) Holdings, L.P., Cable Television Laboratories, Inc., 1998, Pgs. ii to 40.
2. "Operations Support System Interface Specification Baseline Privacy Interface MIB (Interim Specification) SP-OSSI-BPI-I01-980331", MCNS Holdings, L.P., 1997 and 1998, Pgs. ii to 33.
3. "Cable Modem Termination System-Network Side Interface Specification (Interim Specification) SP-CMTS-NSII01-960702", MCNS Holdings, L.P., 1996, Pgs. ii to 13.
4. "Removable Security Module Interface Specification (Interim Specification) SP-RSMI-I01-980204", MCNS Holdings, L.P., Cable Television Laboratories, Inc., 1997, Pgs. ii to 47.
5. "Baseline Privacy Interface Specification (Interim) SP-BPI-I01-970922", MCNS Holdings, L.P., 1997, Pgs. ii to 65.
6. "Operations Support System Interface Specification (Interim) SP-OSSII01-970403", MCNS Holdings, L.P., 1997, Pgs. 1 to 30.
7. "Radio Frequency Interface Specification (Interim Specification) SP-RFI-I02-971008", MCNS Holdings, L.P., 1997, Pgs. ii to 186.
8. "Cable Modem Telephony Return Interface Specification (Interim) SP-CMTRI-I01-970804", MCNS Holdings, L.P., Cable Television Laboratories, Inc., 1997, Pgs. ii to 73.
9. "Security System Specification (Interim Specification) SP-SSI-I01-970506", MCNS Holdings, L.P., 1997, Pgs. ii to 103.
10. "Internet Engineering Task Force", Request for Comments 2131, Dynamic Host Configuration Protocol (DHCP), March 1997, Pgs. 1 to 42.
11. S. Adiraju, J. Fijolek, IPCDN Telephony Return MIP, Internet Engineering Task Force, Internet Draft, "<draft-ietf-ipcdn-tri-mib-00.1.txt>," March 1998, Pgs. 1 to 26.
12. Cable Television Laboratories, Inc. "Radio Frequency Interface Specification (Interim Specification)", Data-Over-Cable Service Interface Specifications, SP-RFIV1.1-104-000407, pages ii to 376.
13. "A Solution for the Priority Queue Problem of Deadline-Ordered Service Disciplines," N.R. Figueira, IEEE International Conference on Computer Communications and Networks, September 22-25, 1997, pp.320-325.
14. "Data-Over-Cable Service Interface Specification SP-RFI-105-991105", Cable

- Television Laboratories, Inc., 1999, Pgs. ii to 202.
15. *"Data-Over-Cable Service Interface Specification SP-RFIV1.1-106-001215"*, Cable Television Laboratories, Inc., 1999,2000, Pgs. ii to 432.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

Date: January 17, 2001

By: Monica Grewal
Monica Grewal
Registration No. 40,056